

Charles West

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EDUCATION

Worcester Polytechnic Institute (WPI), Worcester, MA.

B.A. in Interactive Media and Game Development, May 2024

Concentration in Design, Minor in Computer Science

GPA 4.0

SKILLS

Game Engines/Frameworks: Unity, Unreal Engine 4, Unreal Engine 5, Godot Engine, Phaser

Software: Asperite, Google Sheets, Excel, Git, Jira, Reaper, Adobe Creative Suite: After Effects, Photoshop, Premiere.

Programming Languages: TypeScript, Javascript, C#, UE Blueprints, SQL

RELATED PROJECTS and EXPERIENCE

Secret Handshake,

Level Designer & Associate Weapons Designer. January 2025 - Present

- Pioneering the creation of multiple unique dynamic levels
- Implemented numerous weapons from design documents into the game, applying an iterative process as needed to ensure they were well balanced and felt unique to use.
- Team of 3, Unreal Engine 5.

Major Qualifying Project (MQP), WPI, Worcester, MA.

An exploratory project in combining roguelikes and tactical RPGs, resulting in the creation of the game RavenGuard.

2023 September - 2024 May

- Responsible for all design related decisions for the project, led the team in design discussions to establish direction and goals for the project, ultimately resulting in the creation of RavenGuard.
- Coordinated between two different development teams (Programming & Art), ensuring smooth production.
- Wrote a research report discussing the project's process and discoveries.
- Team of 6, Unity Engine.

ADDITIONAL EXPERIENCE

Lambda Chi Alpha Pi Zeta, Worcester, MA,

High Phi (Ritualist), October 2023 - May 2024

- Led and instructed a 12-week long member initiation program.
- Coordinated and led multiple 90+ person ceremonies.
- Maintained, repaired, and replaced chapter memorabilia and ceremony equipment.

Safe & Sound Home Audio, Haverhill, MA,

Assistant, June 2021 - August 2021

- Assisted in the wiring and installation of home security and entertainment systems.

ACTIVITIES/LEADERSHIP

Standards Chair, Lambda Chi Alpha, January 2022 - January 2023

Vice President & Performance Coordinator, WPI Karate Club 2022 - 2023

Office Manager, CAD Whittier Tech, 2017 - 2020

Assistant Instructor, Buzz Durkin's Uechi Karate School, 2013 - 2020